

### **Abstract**

An axisymmetrical multilayer object forming a wall of thickness  $E$ , said object being composed of a first resin forming the structure of the object and representing at least 80% of the volume of the object, and of a second resin forming at least two fine functional layers, said functional layers being imprisoned separately in the first resin, the multilayer structure being characterized in that

- a. the functional layers are distributed in separate parts of the object
- b. the functional layers form bodies of revolution centered on the axis of symmetry of the object
- c. the two functional layers are placed partially one on top of the other in a direction perpendicular to said wall.